

Monitoring Data Record

Project Title: I-2402 A (Site 31) COE Action ID: 199502886  
 Stream Name: \_\_\_\_\_ DWQ Number: 980349  
 City, County and other Location Information: I-85 Greensboro By-pass in Guilford County  
 Date Construction Completed: \_\_\_\_\_ Monitoring Year: (1) of 1  
 Ecoregion: \_\_\_\_\_ 8 digit HUC unit 03030002  
 USGS Quad Name and Coordinates: \_\_\_\_\_

**Rosgen Classification:** \_\_\_\_\_

Length of Project: 246' Urban or Rural: Urban Watershed Size: \_\_\_\_\_  
 Monitoring DATA collected by: M. Green, D.Jenkins Date: 6/8/05

## Applicant Information:

Name: NCDOT Roadside Environmental Unit  
 Address: 1425 Rock Quarry Rd. Raleigh, NC 27610  
 Telephone Number: (919) 861-3772 Email address: \_\_\_\_\_

## Consultant Information:

Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Telephone Number: \_\_\_\_\_ Email address: \_\_\_\_\_

**Project Status:** Complete


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**Monitoring Level required by COE and DWQ (404 permit/ 401 Cert.):** Level 1 2 3

Monitoring Level 1 requires completion of *Section 1, Section 2 and Section 3*

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Section 1. PHOTO REFERENCE SITES

*(Monitoring at all levels must complete this section)*

**Attach site map showing the location and angle of all reference photos with a site designation (name,**

**number, letter, etc.) assigned to each reference photo location. Photos should be provided for all structures and cross section locations, should show both banks and include an upstream and downstream view. Photos taken to document physical stability should be taken in winter. Photos taken to document vegetation should be taken in summer (at representative locations). Attach photos and a description of each reference photo or location. We recommend the use of a photo identification board in each photo to identify location.**

**Total number of reference photo locations at this site:** 2

**Dates reference photos have been taken at this site:** 4/15/04, 11/10/04, 4/11/05, 6/8/05

**Individual from whom additional photos can be obtained (name, address, phone):** \_\_\_\_\_

**Other Information relative to site photo reference:** 4 reference photos taken

If required to complete Level 3 monitoring only stop here; otherwise, complete section 2.

**Section 2. PLANT SURVIVAL**

**Attach plan sheet indicating reference photos.**

Identify specific problem areas (missing, stressed, damaged or dead plantings):

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Estimated causes, and proposed/required remedial action:\_\_\_\_\_

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ADDITIONAL COMMENTS: \_\_\_\_\_ This is the 4th quarter monitoring for this site. The channel is covered with heavy vegetation, which include black willow, alder, poplar, sweetgum, *juncus* sp., sedge, and various grasses. The bareroot seedlings that were replanted in the buffer area were inadvertently mowed. This area will be replanted and signs will be installed to keep this from happening in the future.

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If required to complete Level 1 and Level 2 monitoring only stop here; otherwise, complete section 3.

### Section 3. CHANNEL STABILITY

**Visual Inspection:** The entire stream project as well as each in-stream structure and bank stabilization/revetment structure must be evaluated and problems addressed.

Report on the visual inspection of channel stability. Physical measurements of channel stability/morphology will not be required. Include a discussion of any deviations from as-built and an evaluation of the significance of these deviations and whether they are indicative of a stabilizing or destabilizing situation.

This is the 4th quarter of monitoring for this site. The channel is very stable at this time. Some areas were seeded and matted for stability along the upper portion of the bank as noted last monitoring quarter. Herbaceous vegetation has come up well in these areas.

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Date Inspected	Station Number	Station Number	Station Number	Station Number	Station Number
Structure Type					
Is water piping through or around structure?					
Head cut or down cut present?					
Bank or scour erosion present?					
Other problems noted?					

**NOTE:** Attach separate narrative sheets to each monitoring report describing/discussing the overall monitoring results. Include the identification of specific problem areas/channel failures, estimated cause and proposed/required remedial action. This should include a brief discussion of any parameter that has changed significantly from as-built.

# Greensboro Bypass

Site 31



Photo 1



Photo 2



Photo 3



Photo 4